

Converting Colors

CIELCh(83, 33.038, 95.951)

Have a look what the booklet for
CIELCh(83, 33.038, 95.951) contains.

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Color

CIELCh(83, 33.038, 95.951)

Conversions

Conversions Part 1

Format	Color
Hex	DFCF91
RGB	223, 207, 145
RGB Percent	87%, 81%, 57%
CMY	0.1267, 0.1893, 0.4324
CMYK	0.00, 0.07, 0.35, 0.13
HSL	48°, 55%, 72%
HSV	48°, 35%, 87%
XYZ	57.6726, 62.1629, 35.6368
YIQ	204.7160, 29.4380, -15.8900

Conversions

Conversions Part 2

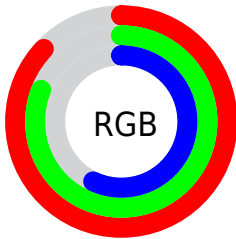
Format	Color
R_{YB}	165, 223, 145
Decimal	14667665
CIE _{Lab}	83.00, -3.43, 32.86
CIE _{LCh}	83, 33.038, 95.951
Yxy	62.1629, 0.3710, 0.3998
Android (android.graphics.Color)	4292857745 (0xFFDFCF91)
YUV	204.7160, -29.4400, 16.0351
Hunter-Lab	78.8435, -7.4065, 28.3917

Details

The CIELCh color **83, 33.038, 95.951** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 34.430, 285.305**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.233, 108.033**, and **63, 32.982, 95.838** is the 20% darker color. If you saturate the color by 10%, you get **81, 42.400, 94.714**, and if you desaturate by 10%, it is **85, 23.571, 97.175**.

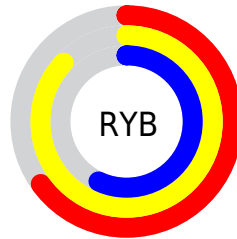
Distribution



Red (87%)

Green (81%)

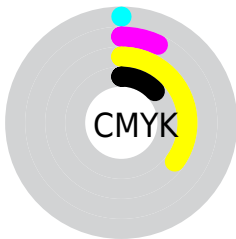
Blue (57%)



Red (65%)

Yellow (87%)

Blue (57%)

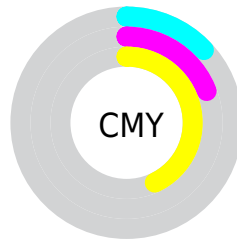


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 33.038, 95.951 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 83, 33.038, 95.951 by changing the saturation by 10% instead.

■ 83, 33.038, 95.951

■ 83, 33.038, 95.951

■ 100, 33.038,
95.951

■ 73, 33.038, 95.951

■ 63, 33.038, 95.951

■ 53, 33.038, 95.951

■ 43, 33.038, 95.951

■ 33, 33.038, 95.951

■ 23, 33.038, 95.951

■ 13, 33.038, 95.951

■ 3, 33.038, 95.951

■ 0, 33.038, 95.951

83, 33.038, 95.951

83, 33.038, 95.951

81, 42.400, 94.714

85, 23.571, 97.175

80, 51.472, 93.455

86, 14.100, 98.364

79, 59.946, 92.180

88, 4.681, 99.498

77, 67.325, 90.876

90, 4.656, 280.692

76, 72.922, 89.509

91, 13.346,
281.281

75, 76.042, 88.012

92, 11.379,
271.262

74, 76.889, 87.220

94, 9.886, 257.772

95, 9.093, 240.898

96, 9.172, 222.757

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83, 33.038, 95.951



67, 34.430, 285.305

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 33.038, 95.951



83, 33.038, 145.951



83, 33.038, 275.951



83, 33.038, 325.951

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



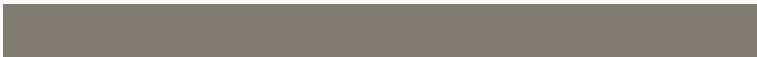
83, 33.039, 95.955



98, 11.510, 98.819



68, 31.886, 6.126



52, 7.739, 98.662



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 33.039, 95.955



92, 44.195, 95.050



86, 41.011, 119.085



46, 5.352, 99.006



60, 64.569, 87.501



16, 23.017, 90.403

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67, 34.430, 285.305



71, 46.640, 286.794



65, 44.150, 303.723



44, 5.412, 281.257



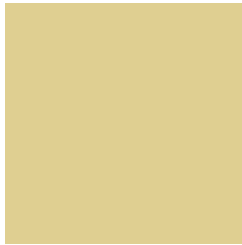
25, 87.848, 302.180



4, 27.193, 291.133

Previews

White Background



This preview shows how the CIELCh color 83, 33.038, 95.951 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 33.038, 95.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

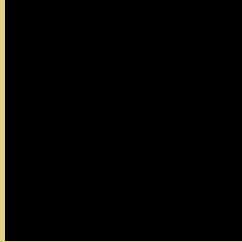
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

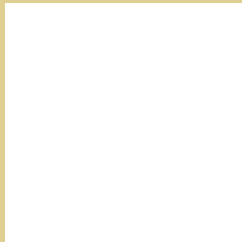
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 33.038, 95.951

Background



This preview shows how black text looks on a background with the CIELCh color 83, 33.038, 95.951.

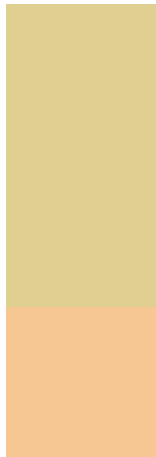


This preview shows how white text looks on a background with the CIELCh color 83, 33.038, 95.951.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83, 33.038, 95.951

Protanopia

83, 33.038, 95.951

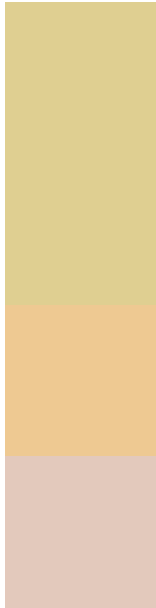
Deuteranopia

83, 33.683, 71.886



Tritanopia
83, 14.150, 346.568

Trichromacy



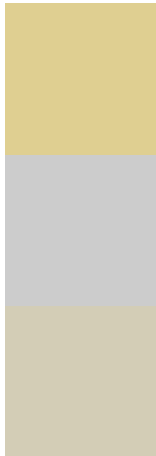
Original Color
83, 33.038, 95.951

Protanomaly
83, 33.038, 95.951

Deuteranomaly
83, 32.845, 80.067

Tritanomaly
83, 12.094, 54.322

Monochromacy



Original Color
83, 33.038, 95.951

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 12.324, 98.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 33.038, 95.951 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 207, 145)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 207, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 33.038, 95.951 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 207, 145) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(223, 207, 145) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(223, 207, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 145);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 33.038, 95.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
207, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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